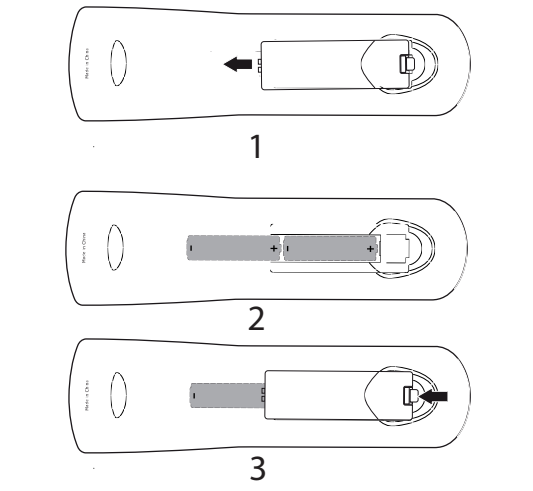


INTRODUCTION

The C4000 Remote Control by Universal Electronics is our latest generation universal remote control. Their sophisticated technology allows you to consolidate up to four of your original home entertainment remote controls into one easy-to-use product. Please follow the instructions detailed in this manual to set up the unit and then start enjoying your new remote control and cable service.

INSTALLING BATTERIES

- On the back of the remote control, push the tab and lift off the battery cover.
 - Locate the two (2) enclosed AA batteries. Match the + and - marks with those in the battery case, then insert them.
 - Align the cover's tabs with the case's holes and press the cover back into place. The tab should click when the cover is locked.
 - Test the remote control by pressing any mode key (e.g., TV). If the batteries are inserted correctly, the LED (red light) blinks once.
- NOTE:** When batteries need replacement, the remote control ceases to operate. Replace the batteries and the unit will be restored to its full functionality, complete with your favorite settings.



PROGRAMMING DEVICE CONTROL

The C4000 Remote Control is preprogrammed to operate the cable box (converter) provided by your cable system, an RCA TV, a Toshiba DVD player, and a Pioneer audio receiver. To control devices other than the default brands, perform the following steps; otherwise skip this section.

NOTES: For control of a Combo device (for example, a TV/VCR combo), skip this section and perform the instructions on "Setting Up a Combo Unit". Also refer to "Function Key Chart" on this page to find out which devices can be programmed onto each device key.

FUNCTION KEY CHART

System ON/OFF – Use **SYSTEM ON/OFF** to control the Master Power macro.

MENU – Displays the Applications menu.

GUIDE – Displays the on-screen program guide.

PAGE UP/DOWN – Use PAGE+ (or PAGE-) to page up (or page down) through menu screens and the program guide.

EXIT – Used to exit menus, guides, and on-screen applications.

DAY +/- – Skip forward or backward one day in the program guide.

VOL +/- – Raises and lowers audio levels.

MUTE – Press **MUTE** once to turn the sound off or on.

Replay the previous 15 seconds of a program

MY DVR – Displays a list of programs you have recorded.

INPUT – Press **SHIFT** to access additional cable features. In **TV, DVD, AUX** use **INPUT** to cycle through the available inputs on the selected device

PIP-ON/OFF – Use **PIP ON-OFF** to switch the Picture-In-Picture feature on or off.

PIP SWAP – Use **PIP SWAP** to switch images and sound between the main and window pictures

VIDEO SOURCE – Use to select the video source options on your cable converter

PIP MOVE, PIP +/- – Use **PIP MOVE** to move the window picture to different positions in the main picture. Use **PIP CH+ (or CH-)** to select the next higher (or lower) PIP channel.

1. Turn on a device and, if applicable, insert video media. (e.g., cassette or disc).

NOTE: Please read steps 2 through 4 completely before proceeding. Highlight or write down the codes and device you wish to program before moving on to step 2.

2. On the remote control, press a device key once (i.e., **AUX, DVD, TV, CBL, or STB**); it blinks once. Then press and hold **SET UP** until the selected mode key blinks twice.

3. Use the "Setup Codes for Televisions" on page 2) to locate the type of device and brand name and then enter the first five-digit code for your device. If performed correctly, the selected mode key blinks twice.

NOTE: If the selected mode key emits a long blink, the entry is invalid. Repeat steps 2 through 3 and try entering the same code again.

4. Aim the remote control at the device and press **POWER** once. The device should turn off. If it does not, repeat steps 2 through 3, trying each code for your brand until you find one that works. If it still does not respond, try searching for the code (see "Searching for Your Code").

NOTE: In the search mode, the remote control sends IR codes from its library to the selected device, starting with the most popular code first.

6. Press **POWER**. The TV should turn on, then press **SET UP** to lock in the code.

NOTE: If the TV does not turn on during step 6, then slowly press and release **CH-** to go back through the codes, then press **SET UP** when the TV turns on.

7. To search for the codes of your other devices, repeat steps 1 through 5, but substitute the appropriate key (e.g., **AUX, DVD, CBL, or STB**) for the device you are searching for.

Device Type:

DVD Code

Device Type:

CBL Code

Device Type:

TV Code

Device Type:

TV Code

SETTING UP A COMBO UNIT

If you own a combo unit such as a TV/DVD Combo or a TV/VCR Combo, you need to follow special steps to set it up. Perform the following instructions to control combo device:

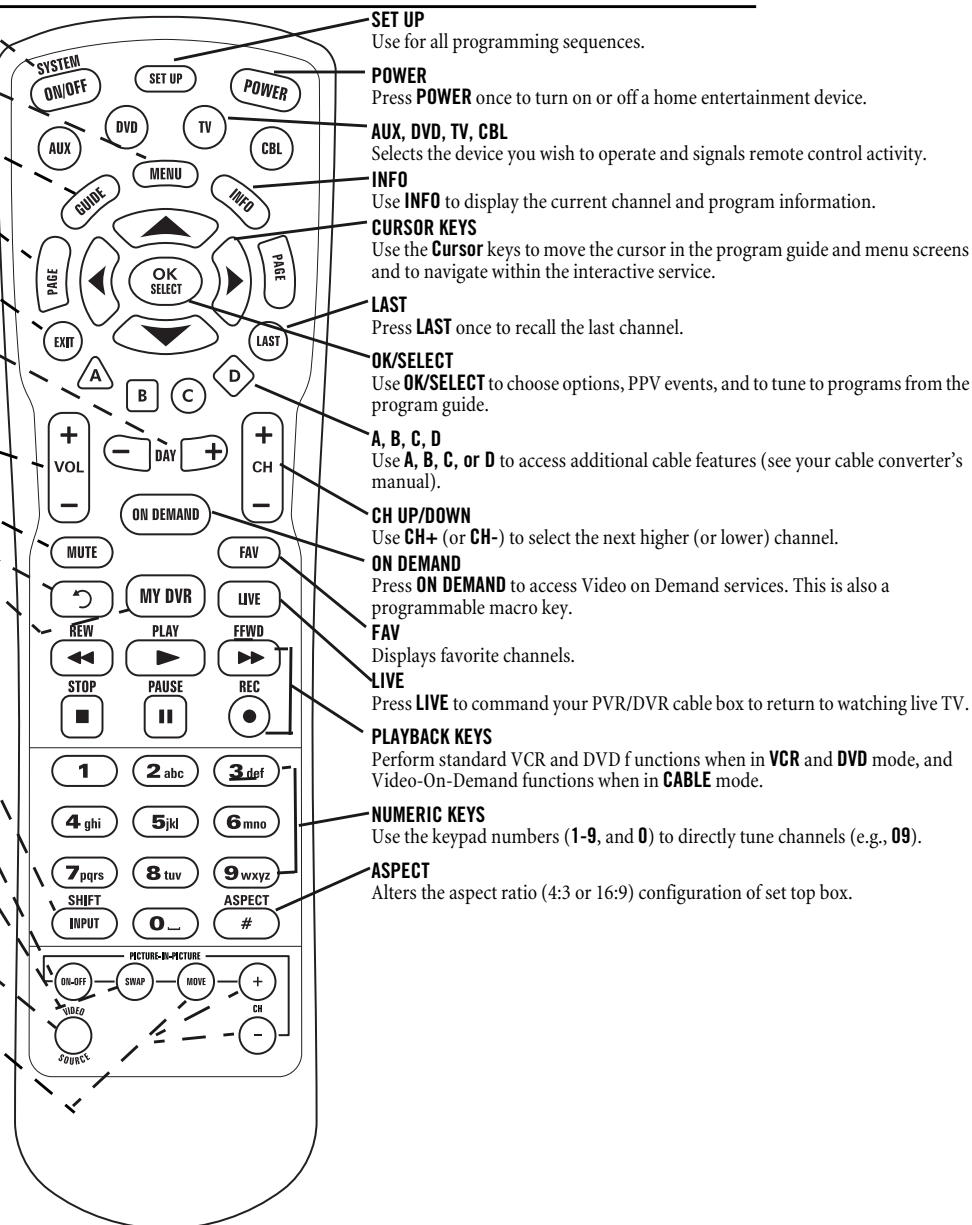
- For a TV/DVD Combo, turn on your TV/DVD Combo and insert a DVD. (For a TV/VCR Combo, insert a videocassette)
- On the remote control, press **DVD** once; it blinks once. Then press and hold **SET UP** until the DVD key blinks twice.
- Use the "Setup Codes for Televisions" starting on page 2 to locate the brand name and enter the first five-digit code for your combo device (for example, TV/VCR). If you perform this procedure correctly, the **DVD** key blinks twice.

NOTE: If the **DVD** key did not blink twice after entering the code's last digit, repeat steps 2 through 3 and try entering the same code again. If you've located a setup code that works for your combo device (for example, a TV/DVD Combo) and a separate TV code is also listed, you'll need to program this code into the remote control to access volume control (See "Programming Device Control").

- Aim the remote control at your combo device (for example, TV/ DVD Combo) and press **POWER** once. The device should turn off. If it does not respond, repeat steps 2 through 3, trying each code listed for your brand until you find one that works. If it still does not respond, try searching for the code (See "Searching for Your Code").
- For future reference, write down each working device code in the boxes below:

TV/VCR or TV/DVD Code

TV Code (if used)



SEARCHING FOR YOUR CODE

If your home entertainment device does not respond to the C4000 Remote Control after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code.

NOTE: Use the following device code digits to control a specific device:

- 0 = Cable (dedicated to cable only)
- 1 = TV
- 2 = DVD/VCR
- 3 = Audio

For example, to search for a code for your TV:

- Turn on your TV.
- On the remote control, press **TV** once; it blinks once. Then press and hold **SET UP** until the TV key blinks twice.
- Enter **9 9 1**. The TV key blinks twice.
- Press **1** (the device code digit for your TV). The **TV** key blinks twice. Aim the remote control at the TV and press **POWER** once.
- Press and release the **CH+** key continuously, then stop when the TV turns off.

NOTE: In the search mode, the remote control sends IR codes from its library to the selected device, starting with the most popular code first.

6. Press **POWER**. The TV should turn on, then press **SET UP** to lock in the code.

NOTE: If the TV does not turn on during step 6, then slowly press and release **CH-** to go back through the codes, then press **SET UP** when the TV turns on.

7. To search for the codes of your other devices, repeat steps 1 through 5, but substitute the appropriate key (e.g., **AUX, DVD, CBL, or STB**) for the device you are searching for.

CHECKING THE CODES

If you have set up the C4000 Remote Control by searching for your device code, you may need to find out which five-digit code is operating your equipment.

- For example, to find out which code is operating your TV:
- On the remote control, press **TV** once; it blinks once. Then press and hold **SET UP** until the TV key blinks twice.
 - Enter **9 9 0**. The TV key blinks twice.
 - To view the code for the first digit, press **1** once. Count the number of times the **TV** key blinks (e.g., 3 blinks = 3) and write down the number in the leftmost TV Code box above.
 - If a code digit is **0**, the selected mode key does not blink.
 - Repeat step 3 four more times for the remaining digits. Use 2 for the second digit, 3 for the third digit, 4 for the fourth digit, and 5 for the fifth digit. Finish writing down the code in the TV Code boxes above.

To check for other device codes, repeat steps 1 through 4, but substitute the appropriate key (e.g., **AUX, DVD, CBL, or STB**) for the device you are checking. Write down the codes in the appropriate boxes above.

PROGRAMMING CHANNEL CONTROL LOCK

By default, the remote control's channel-control capabilities are locked to the cable converter. The affected keys are 1 through 0, **CH+**, **CH-**, and **LAST**. This guarantees that you do not inadvertently change a channel on your TV or VCR. However, you can de-activate this feature to allow full access to these keys in the TV and VCR modes.

Unlocking Channel Control

- On the remote control, press **CBL (or STB)** once; it blinks once. Then press and hold **SET UP** until the **CBL (or STB)** key blinks twice.
 - Enter **9 7 3**. The **CBL (or STB)** key blinks twice.
 - Press **CH-** once. The **CBL (or STB)** key blinks four times.
- Now the remote control provides TV and VCR channel-control capabilities while in the TV or VCR mode.

Locking Channel Control to CBL

- On the remote control, press **CBL (or STB)** once; it blinks once. Then press and hold **SET UP** until the **CBL (or STB)** key blinks twice.
 - Enter **9 7 3**. The **CBL (or STB)** key blinks twice.
 - Press **CH+** once. The **CBL** key blinks once.
 - Press **CBL** once. The **CBL** key blinks twice.
- Now, regardless of what mode you select, the channel keys only change channels on your cable converter.

CHANGING VOLUME LOCK

Volume Lock allows you to control the volume through the device identified as having your primary speaker(s), regardless of which mode you are using. On the C4000 Remote Control, Global Volume Lock is set to TV, so you can control TV volume while in the **AUX, DVD, TV** or **CBL** mode. You can perform Individual Volume Unlock on a selected device to set its volume control for independent operation.

CLEARING CUSTOM PROGRAMMING

The C4000 Remote Control contains a *Custom Programming Reset* program. You can use it to remove all custom programming.

IMPORTANT: Executing this programming sequence will erase all custom programmed settings such as Volume Lock, Channel Control Lock and Keymover. However, your device programming remains the same.

- On the remote control, press and hold **SET UP** until the last-selected device key blinks twice.
- Enter **9 8 0**. The last-selected device key blinks twice, pauses, and blinks twice again to confirm that all custom programming is cleared.

TROUBLESHOOTING

PROBLEM: Device key does not blink when you press a key.

SOLUTION: Replace the batteries with two (2) new **AA** batteries (See "Installing Batteries").

PROBLEM: Device key blinks when you press a key, but home entertainment device does not respond.

SOLUTION: Make sure you are aiming the remote control at your home entertainment device and that you are within 15 feet of the device you are trying to control.

PROBLEM: The remote control does not control home entertainment devices or commands are not performing properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all devices can be operated with an infrared remote control.

PROBLEM: TV/VCR Combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation.

PROBLEM: No volume on a second TV.

SOLUTION: Follow instructions under "Changing Volume Lock".

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require programming TV codes on the remote control. For Sony, use TV code 10000 and VCR code 20032. For Sharp, use TV code 10093 and VCR code 20048.

FCC NOTICE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your C4000 Remote Control.

For help via the Internet, visit us at: www.ucsupport.com

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US Patents 6,014,092 5,515,052 M1060 Rev C

MANUFACTURER'S CODES

| Setup Codes for Cable Converters | |
|----------------------------------|---------------------|
| Charter | 01376, 01877 |
| Cisco | 01877, 01982 |
| Diego | 01187 |
| Motorola | 01376, 01982 |
| Pace | 01376, 01877, 01982 |
| Scientific Atlanta | 01877 |

| Setup Codes for Televisions | |
|-----------------------------|--|
| Admiral | 10093, 10463 |
| Advent | 10761, 10783, 10815, 10817, 10842, 11933 |
| Akai | 10812, 11675, 10702, 10672, 11207, 11903, 11935, 12232 |
| Albatron | 10700, 10843 |
| America Action | 10180 |
| Anam | 10180 |
| AOC | 11365, 11589, 11590, 12014, 12087, 12402 |
| Aomni | 11623 |
| Apex Digital | 10156, 10748, 10879, 10765, 10767, 10890, 11217, 11991, 12397 |
| Astar | 11531, 11738 |
| Audiovox | 10451, 10180, 10623, 10802, 10846, 10875, 11284, 11937, 11951, 11952 |
| Aventura | 10171 |
| Axion | 11937 |
| BenQ | 11032, 11315 |
| Bradford | 10180 |
| Broksonic | 10236, 10463, 11935 |
| Carver | 10054 |
| Celebrity | 10000 |
| Celera | 10765 |
| Changhong | 10765 |
| Citizen | 10060, 11671, 11672, 11935 |
| Clarion | 10180 |
| Coby | 11538, 11634, 12306, 12314, 12315, 12338, 12340, 12343, 12344, 12345, 12347, 12348, 12350, 12351 |

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|-------------------|--|
| Astar | 10047, 10017, 10051 |
| Audiovox | 11603, 11990 |
| Mintek | 11250, 10093, 10150, 10178, 10836, |
| Mitsubishi | 10868, 12010 |
| Monivision | 10700, 10843 |
| Motorola | 10093, 10835 |
| Moxell | 10835 |
| MTC | 10060 |
| Multitech | 10180 |
| NAD | 10156, 10178, 10866, 11156 |
| NEC | 10704, 10882, 11704, 11797 |
| NetTV | 11755 |
| Nexus Electronics | 12183 |
| Nikko | 10178 |
| Norcent | 10748, 10824, 11365, 11589, 11590, 12110 |
| Norwood Micro | 11286 |
| NuVision | 11657, 12158 |
| Olevia | 11610, 11144, 11240, 11331 |
| Onwa | 10180 |
| Optimus | 10250, 10166, 10650 |
| Optoma | 11348, 12161 |
| Optonica | 10093 |
| Orion | 10236, 10463, 11463 |

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|--------------------|---|
| Curtis Mathes | 10047, 10054, 10451, 10093, 10060, 10702, 10145, 10166, 11661, 11147, 11347 |
| CXC | 10180 |
| Daewoo | 10451, 11661, 10623, 10661, 10672 |
| Dell | 11264, 11080, 11178, 11403, 11863 |
| Demon | 10145 |
| Digital Lifestyles | 11765 |
| DirecTV | 11501 |
| Dish Network | 11948 |
| Disney | 12152 |
| Dumont | 10017 |
| Durabrand | 10463, 10180, 10178, 10171, 11034 |
| Dynex | 11463, 11780, 11785, 11810, 12049, 12184 |
| Electroband | 10000 |
| Electrograph | 11755, 11623 |
| Electrohome | 10463, 11670, 11672 |
| Element | 11687, 12183 |
| Emerson | 11864, 10017, 10451, 10236, 10463, 10180, 10178, 10171, 11661, 10623, 11394, 11944, 11963 |
| Emprex | 11422, 11546, 11765 |
| Envision | 10813, 11365, 11589, 12014, 12087 |
| Epson | 10833 |
| ESA | 10812, 10171, 11944, 11963 |
| Fujitsu | 10809, 10683, 10853 |
| Funai | 10000, 10180, 10171, 11271, 11963 |
| Futuretech | 10180 |
| Gateway | 11755, 11756 |
| GE | 11447, 10047, 10051, 10451, 10178, 11347, 12359 |

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|-----------------|--|
| GFM | 10171, 11963, 12167 |
| Gibralter | 10017 |
| Go Video | 10886 |
| GoldStar | 10178 |
| Grundig | 10683 |
| Grumpy | 10180 |
| Haier | 11034, 11748, 11749, 11753, 12309 |
| Hallmark | 10178 |
| Hanns.G | 11783 |
| Hannspree | 11348, 11351, 11745, 11783 |
| Harman/Kardon | 10054 |
| Harsper | 11206 |
| Harvard | 10180 |
| Havermy | 10093 |
| Helios | 10865 |
| Hello Kitty | 10451 |
| Hewlett Packard | 11494, 11502 |
| Hisense | 10748, 11314, 11660, 12098, 12355, 12419 |

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|----------|---|
| Hitachi | 11643, 11145, 10145, 10797, 11960 |
| HP | 11494, 11502 |
| Humax | 11501 |
| Hyundai | 10849 |
| iLo | 11286, 11603, 11684, 11990 |
| Infinity | 10054 |
| InFocus | 12199 |
| Initial | 11603, 11990 |
| Insignia | 11423, 11564, 10171, 11204, 11517, 11641, 11660, 11710, 11780, 11892, 11963, 12002, 12049, 12088, 12417 |
| Inteq | 10017 |
| iX | 10877 |
| JBL | 10054 |
| JCB | 10000 |
| Jensen | 10761, 10815, 10817, 11933 |
| JVC | 10463, 10053, 10650, 10731, 11253, 11601, 11774, 12271 |

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| KDS | 11498, 11687 |
| KEC | 10180 |
| KLH | 10765, 10767 |
| KTV | 10180 |
| LG | 11423, 10017, 11265, 10178, 10700, 10856, 11178, 11768, 11993, 12358, 12424 |
| LXI | 10047, 10054, 10156, 10178 |
| MAG | 11498, 11687 |
| Magnavox | 11454, 11866, 10054, 10051, 10706, 10802, 11198, 11254, 11365, 11856, 11944, 11963, 11990, 12372 |
| Marantz | 11454, 10054, 10704, 10855, 11154, 12447 |
| Matsushita | 10250, 10650 |
| Maxent | 11755, 11714 |
| Megapower | 10700 |
| Megatron | 10178, 10145 |
| Memorex | 10463, 10150, 10178, 10877, 11670, 11892, 11903 |
| MGA | 10150, 10178 |
| Midland | 10047, 10017, 10051 |
| Mintek | 11603, 11990 |
| Mitsubishi | 11250, 10093, 10150, 10178, 10836, |

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|-------------------|--|
| Monivision | 10700, 10843 |
| Motorola | 10093, 10835 |
| Moxell | 10835 |
| MTC | 10060 |
| Multitech | 10180 |
| NAD | 10156, 10178, 10866, 11156 |
| NEC | 10704, 10882, 11704, 11797 |
| NetTV | 11755 |
| Nexus Electronics | 12183 |
| Nikko | 10178 |
| Norcent | 10748, 10824, 11365, 11589, 11590, 12110 |
| Norwood Micro | 11286 |
| NuVision | 11657, 12158 |
| Olevia | 11610, 11144, 11240, 11331 |
| Onwa | 10180 |
| Optimus | 10250, 10166, 10650 |
| Optoma | 11348, 12161 |
| Optonica | 10093 |
| Orion | 10236, 10463, 11463 |

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|-----------|--|
| Panasonic | 10250, 11480, 11457, 10051, 10650, 11271, 11291, 11410, 11941, 11946 |
| PARK | 12104 |
| Penney | 10047, 10156, 10051, 10060, 10178, 11347 |
| Petters | 11523 |
| Philco | 10054, 10171, 11271, 11394, 11963 |
| Phillips | 11454, 11866, 10054, 10690, 11154, 11744, 11806, 11856, 11867, 12372, 12374 |
| Pioneer | 11457, 10166, 10679, 10866, 11260 |
| Planar | 11496 |
| Polaroid | 11523, 10765, 12425, 12121, 12120, 12119, 12063, 12002, 11991, 11766, 11687, 11538, 11498, 11341, 11314, 11286, 11276, 10865 |

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|------------|--|
| Portland | 10451, 11661 |
| Prima | 10761, 10783, 10815, 10817, 11785, 11933 |
| Princeton | 10700 |
| Prism | 10051 |
| Proscan | 11447, 10047, 11347, 12147, 12256 |
| Proton | 10178 |
| Protron | 11320 |
| Proview | 10835, 11401, 11498, 11687 |
| Pulsar | 10017 |
| Punect | 11546 |
| Quasar | 10250, 10051, 10650 |
| RadioShack | 10047, 10180, 10178 |
| RCA | 11547, 11447, 10047, 10051, 10093, 10679, 11047, 11147, 11247, 11347, 11781, 11948, 11953, 11958, 12002, 12187, 12247, 12434 |

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| Realistic | 10180, 10178 |
| RevolutionHD | 11623 |
| Runco | 10017, 11629 |
| Sampo | 11755 |
| Samsung | 10812, 10060, 10702, 10178, 10650, 10766, 10814, 110 |

Setup Codes for Televisions (LCD)

| | |
|--------------------|--|
| Coby | 11538, 11634, 12306, 12314, 12315, 12338, 12340, 12344, 12345, 12348, 12350 |
| Curtis | 12352, 12466 |
| Dell | 11264, 11080, 11178, 11863 |
| Digital Lifestyles | 11765 |
| DirecTV | 11501 |
| Dish Network | 11948 |
| Dynex | 11780, 12049, 12184 |
| Element | 11687, 12183 |
| Emerson | 11864, 11394, 11963 |
| Emprex | 11422, 11546, 11765 |
| Envision | 10813, 11365, 11589, 12014, 12087 |
| Funai | 10171 |
| GE | 12359 |
| GFM | 12167 |
| Go Video | 10886 |
| Haier | 11748, 11749, 11753, 12309 |
| Hanns-G | 11783 |
| Hannspree | 11348, 11351, 11745, 11783 |
| Harsper | 11206 |
| Hisense | 11314, 11660, 12098, 12355 |
| Hitachi | 11643 |
| Humax | 11501 |
| Hyundai | 10849 |
| iLo | 11286, 11603, 11684, 11990 |
| Initial | 11603, 11990 |
| Insignia | 11564, 11204, 11517, 11710, 11780, 12002, 12049, 12417 |
| IX | 10877 |
| JVC | 11601, 11774, 12271 |
| LG | 11423, 10856, 11178, 11768, 11993, 12358, 12424 |
| Magnavox | 11866, 10802, 11198, 11365, 11990, 12372 |
| Marantz | 10855 |
| Maxent | 11755, 11714 |
| Memorex | 11670, 11892 |
| Mintek | 11603, 11990 |
| Mitsubishi | 11250 |
| NEC | 11797 |
| Nexus Electronics | 12183 |
| Norcent | 11365, 11589, 12110 |
| Norwood Micro | 11286 |
| NuVision | 11657, 12158 |
| Olevia | 11610, 11144, 11240, 11331 |
| Panasonic | 11480, 10650, 11941 |
| PARK | 12104 |
| Petters | 11523 |
| Philips | 11454, 11744, 11806, 11856, 11867, 12372 |
| Pioneer | 11260 |
| Planar | 11496 |
| Polaroid | 11523, 11276, 11341, 11498, 11538, 11687, 11766, 12063, 12119, 12120, 12121, 12425 |
| Prima | 11785 |
| Proscan | 12147, 12256 |
| Protron | 11320 |
| Proview | 11401 |
| Punet | 11546 |
| RCA | 10047, 11781, 11958, 12187, 12247, 12434 |
| RevolutionHD | 11623 |
| Runco | 11629 |
| Sampo | 11755 |
| Samsung | 10812, 10766, 10814, 12051 |
| Sansui | 11409, 11670, 11892 |
| Sanyo | 11142 |
| Sceptre | 10878, 11217, 11360, 11599 |
| Scott | 11711 |
| Sharp | 10818, 10093, 11602, 12360 |
| Sherwood | 11399 |
| Sole | 11623 |
| Sony | 10810, 11685 |
| Sova | 11320 |
| Soyo | 11520, 11546, 11826, 11828 |
| SunBrite | 11420, 12337 |
| Superscan | 10864 |
| SVA | 10870 |
| Sylvania | 11864, 10171, 11271, 11314, 11394, 11886 |
| Symphonic | 10171 |
| Syntax | 11610, 11144, 11240, 11331 |
| Tatung | 11286 |
| Techview | 10847 |
| Toshiba | 11524, 10822, 10845, 11656, 12006 |
| TruTech | 11723 |
| US Logic | 11286 |
| Venturer | 11865 |
| Vidikron | 11629 |
| Viewsonic | 10857, 10864, 10885, 11330, 11578, 11627, 11640, 11742, 12014, 12087 |
| Viore | 11684, 11811, 12104, 12352 |
| Vizio | 11758, 10864, 10885, 11756 |
| Westinghouse | 11712, 10885, 10889, 10890, 11282, 11300, 11577, 12293 |
| Wyse | 11365 |
| Zenith | 11265 |

Setup Codes for TV/DVD Combos

| | |
|-----------------------------|--|
| Controlled by the TV | |
| Advent | 11933 |
| Akai | 11675, 11935, 12232 |
| Apex Digital | 11991 |
| Audiovox | 11937, 11951, 11952 |
| Axion | 11937 |
| Broksonic | 11935 |
| Citizen | 11935 |
| Coby | 11538, 12315, 12340, 12343, 12344, 12347, 12350, 12351 |
| Curtis | 12466 |
| Disney | 12152 |
| Dynex | 11810, 12049, 12184 |
| Electrohome | 11670 |
| Emerson | 11864, 11394, 11963 |
| ESA | 11963 |
| Funai | 11963 |
| GFM | 11963 |
| Haier | 11753, 12309 |
| Hitachi | 11960 |
| iLo | 11990 |
| Initial | 11990 |
| Insignia | 11963, 12002, 12049, 12417 |

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|--------------|-----------------------------------|
| Jensen | 11933 |
| JVC | 12271 |
| LG | 11423, 11993 |
| Magnavox | 11866, 11963, 11990, 12372 |
| Maxent | 11714 |
| Memorex | 11670 |
| Mintek | 11990 |
| Panasonic | 11941 |
| Polaroid | 11523, 11538, 11766, 11991, 12002 |
| Prima | 11933 |
| Proscan | 12256 |
| RCA | 11948, 11958, 12002, 12187 |
| Samsung | 11903 |
| Sansui | 11670, 11935 |
| Sharp | 10818, 12360 |
| Sova | 11952 |
| Sylvania | 11864, 11394, 11886, 11963 |
| Toshiba | 11524, 11935, 12006 |
| TruTech | 12066 |
| Venturer | 11865 |
| Viore | 11811, 12104, 12352 |
| Westinghouse | 11300 |

Setup Codes for TV/DVD Combos

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|------------------------------|---------------------|
| Controlled by the DVD | |
| Akai | 20143, 20695, 22439 |
| Audiovox | 21071, 21121, 21122 |
| Axion | 21071 |
| Broksonic | 20695 |
| Citizen | 20695 |
| Coby | 22538 |
| Curtis | 22660 |
| Dynex | 22255, 22388 |
| Electrohome | 21607 |
| Emerson | 20675, 22212 |
| Go Vision | 21071 |
| Haier | 22099, 22500 |
| iLo | 21472 |
| Initial | 21472 |
| Insignia | 21013, 22255, 22620 |
| JVC | 22472 |
| LG | 21526, 22485 |
| Magnavox | 21472, 22229 |
| Memorex | 21607 |
| Mintek | 21472 |
| Panasonic | 21490 |
| Polaroid | 21013, 22110, 22140 |
| Proscan | 22450 |
| RCA | 21013, 21193, 22392 |
| Sansui | 20695, 21607 |
| Sharp | 22561 |
| Sova | 21122 |
| Sylvania | 20675, 22212 |
| Toshiba | 20695, 21606 |
| Venturer | 22195 |
| Viore | 22580 |
| Westinghouse | 22513 |

Setup Codes for TV/VCR Combos

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|-----------------------------|---------------------|
| Controlled by the TV | |
| America Action | 10180 |
| Audiovox | 10180 |
| Broksonic | 10236 |
| America Action | 20278 |
| Audiovox | 20278 |
| Broksonic | 20479 |
| Emerson | 20479, 20593 |
| Funai | 20000 |
| GE | 20240 |
| Harley Davidson | 20000 |
| Hitachi | 20000 |
| LG | 21037 |
| Lloyd's | 20000 |
| Magnasonic | 20593 |
| Magnavox | 20000, 20593 |
| MGA | 20240 |
| Optimus | 20162, 21037, 21262 |
| Orion | 20479 |
| Panasonic | 20162, 21262 |
| Penney | 20240 |
| Quasar | 20162 |
| RadioShack | 20000, 21037 |
| RCA | 20240 |
| Sansui | 20000, 20479 |
| Sanyo | 20240 |
| Scars | 20000 |
| Sony | 20000 |
| Symphonic | 20000, 20593 |
| Thomas | 20000 |
| Zenith | 20000, 20479 |

Setup Codes for Audio Amplifiers

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|--|---------------------|
| Anthem | 32220 |
| Cary Audio Design | 31879 |
| Denon | 32134 |
| Durabrand | 31561 |
| Electronics | 31879 |
| Halcro | 31934 |
| Harman/Kardon | 30892 |
| Krell | 31837, 32463 |
| Left Coast | 30892 |
| Lenoxx | 31561 |
| Lexicon | 31145, 31802 |
| Marantz | 30892, 31892, 32138 |
| Mark Levinson | 32405 |
| Optimus | 30823 |
| Parasound | 31934, 32245 |
| Philips | 30892 |
| Pioneer | 30823 |
| Polk Audio | 30892, 32242 |
| Primare | 31395, 31851 |
| RCA | 30823 |
| Rotel | 30726 |
| Thule Audio | 31851 |
| Setup Codes for Audio Accessories | |
| Accurian | 31106 |
| Acoustic Research | 32226 |
| Altec Lansing | 30607, 31056, 32251 |
| Apple | 31115, 31644 |
| Creative | 32288 |

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|---------------|---------------------|
| Denon | 32502, 32815 |
| DLO | 31155 |
| GPX | 32113 |
| Griffin | 31891 |
| iDeck | 31106 |
| iHome | 32152 |
| iLive | 32113 |
| Logitech | 32182 |
| Memorex | 32119 |
| Monitor Audio | 31106 |
| NanIPad | 31644 |
| Nyko | 32231 |
| Philips | 32327 |
| Polk Audio | 32228 |
| Roku | 31828 |
| Tivoli Audio | 32158 |
| Vizio | 32454 |
| Yamaha | 32021, 32116, 32458 |

Setup Codes for Audio Receivers

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|----------------------|--|
| Aiwa | 31405, 31388, 31641 |
| Akai | 31512 |
| Alco | 31390 |
| AMC | 31077 |
| Amphion Media Works | 31563, 31615 |
| AMW | 31563, 31615 |
| Anam | 31609, 31074 |
| Apex Digital | 31257, 31430, 31774 |
| Audiotronic | 31189 |
| Coby | 31390, 31627 |
| B & K | 30820, 30840 |
| Dynex | 31229, 30639, 31253, 31629, 31841, 31933 |
| Bose | 31087 |
| Boston Acoustics | 32162 |
| Emerson | 31602 |
| Cambridge Soundworks | 31370, 31477 |
| Carver | 31189 |
| Classic | 31352 |
| Coby | 31389 |
| Criterion | 31420 |
| JVC | 30797 |
| Daewoo | 31250 |
| Delphi | 31414 |
| Denon | 31360, 31142, 32279, 32857 |
| Electrohome | 32026 |
| Fisher | 31801 |
| Gateway | 31517 |
| Proscan | 22450 |
| Go Video | 31532 |
| Harman/Kardon | 30891, 31304, 31306, 32241, 32443 |
| Hitachi | 31801 |
| iHome | 32435 |
| iLive | 32013 |
| Initial | 31426 |
| Insignia | 31030, 31077, 31893, 32126, 32169, 32175, 32474 |
| Integra | 31298, 31320, 31805 |
| iSymphony | 32018, 32258, 32442 |
| JBL | 31306 |
| Jensen | 30797 |
| JVC | 31282, 31374, 31495, 31643, 31811, 31871, 32040, 32161, 32239, 32331 |
| Emerson | 31313, 31570, 31569 |
| Kenwood | 31390, 31412, 31428 |
| Koss | 31366, 31497 |
| Lasonic | 31798 |
| Lennox | 31437 |
| LG | 31293, 31524, 32197, 32284 |
| Liquid Video | 31497 |
| Magnavox | 31189, 31269, 31514 |
| Marantz | 31189, 31269, 31289, 32114 |
| McIntosh | 31289 |
| MCS | 30346 |
| Micromega | 31189 |
| Mitsubishi | 31393 |
| Myrrad | 31189 |
| Nakamichi | 31313 |
| Norcent | 31389 |
| Nova | 31389 |
| Onkyo | 30842, 31298, 31320, 31531, 31805, 32451 |
| Optimus | 31023, 30670, 30797, 31074 |
| Ortron | 31366, 31497 |
| Penney | 31308, 31518, 31275, 31288, 31316, 31509, 31548, 31633, 31763, 31764, 32221, 32452, 32967 |
| Philips | 31189, 31269, 30891, 31266, 32311, 32459 |
| Pioneer | 31023, 30630, 31384, 31935 |
| Polaroid | 31508 |
| Sanyo | 31289, 31414, 32115, 32244, 32270 |
| Primare | 32479 |
| Sony | 31254 |
| RCA | 31023, 31609, 31254, 30346, 31074, 31390, 31511, 32041 |
| Regent | 31437 |
| Rio | 31362, 31869 |
| Saba | 31519 |
| Samsung | 31295, 31304, 31500, 31868 |
| Sangsan | 31888, 32165 |
| Sansui | 30346 |
| Sanyo | 31251, 31469, 31801 |
| Sharp | 31286 |
| Sharper Image | 30797 |
| Sherwood | 31077, 31517, 31653, 31905, 32169 |
| Left Coast | 32169 |
| Shinonic | 31426 |
| Sirius | 31602, 31627, 31811, 31987 |
| Sonic Blue | 31532, 31869 |
| Sony | 31759, 31058, 31441, 31258, 31622, 32522, 32330, 32216, 32172, 31858, 31822, 31738, 31658, 31558, 31503, 31406, 31382, 31151 |

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| Soundesign | 30670 |
| Stereophonics | 31023 |
| Sunfire | 31313 |
| Sybraia | 30797 |
| Teac | 31074, 31390, 31528 |
| Technics | 31308, 31518 |
| Thorens | 31189 |
| Toshiba | 31788 |
| Venturer | 31390 |
| Vizio | 31517 |
| XM | 31406, 31414 |
| Yamaha | 30176, 30376, 31176, 31276, 31331, 31375, 31376, 31476, 31815, 32061, 32455, 32467, 32471 |

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| Zenith | 31293, 31524 |
| Setup Codes for DVD Players | |
| Accurian | 20675, 21416 |
| Aiwa | 20522, 20571, 20717, 20790, 20822, 21013, 21193, 21769, 22213, 22392 |
| Alco | 20869 |
| Akai | 20143, 20695, 20770, 21089, 22439 |
| Allegro | 20869 |
| Amphion Media Works | 20872 |
| AMW | 20872 |
| Apex Digital | 20672, 20717, 20755, 20794, 20796, 20797, 21004, 21020, 21056, 21061, 21100 |
| Arggo | 21023 |
| Aspire Digital | 21168, 21407 |
| Astar | 21489 |
| Audio Authority | 22555 |
| Audiologic | 20736 |
| Audiovox | 20790, 21041, 21071, 21121, 21122 |
| Axion | 21071 |
| B & K | 20655, 20662 |
| BBK | 21224 |
| Bel Canto Design | 21571 |
| Blaupunkt | 20717 |
| Blue Parade | 20571 |
| Broksonic | 20695, 21419 |
| California Audio Labs | 20490 |
| Cinea | 20831 |
| CineVision | 20876, 20833, 20869 |
| Citizen | 20695, 21277, 21587, 22116 |
| Arcam | 20778, 20852, 21086, 21107, 21165, 21177, 21351, 21628, 22538 |
| Coby | |

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| Craig | 20831 |
| Curtis | 22660 |
| Curtis Mathes | 21087 |
| CyberHome | 20816, 20874, 21023, 21024, 21129, 21502 |
| Daewoo | 20784, 20705, 20833, 20869, 21169, 21172, 21234, 21242 |
| Daytek | 20872 |
| Denon | 20490, 20634, 22258 |
| Desay | 21407 |
| DigitalMax | 21738 |
| Disney | 20675, 21270 |
| Dual | 21068 |
| Durabrand | 21023, 21127 |
| DVD2000 | 20521 |
| Dynex | 22255, 22388 |
| Electrohome | 21607, 22116 |
| Emerson | 20591, 20675, 22212 |
| Enterprise | 20591 |
| Fisher | 20670 |
| Funai | 20675 |
| Gateway | 21073, 21077, 21158 |
| GE | 20522, 20815, 20717 |
| GFM | 20675 |
| Go Video | 20744, 20715, 20741, 20783, 20833, 20869, 21044, 21075, 21099, 21158, 21304, 21730 |

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| Go Vision | 21071 |
| GoldStar | 20741, 20869 |
| iSymphony | 20699, 20769 |
| JBL | 20651 |
| Jensen | 20717 |
| Grundig | 20539, 20705 |
| Haier | 22099, 22500 |
| Harman/Kardon | 20582, 20702, 21229 |
| Helios | 22080, 22192 |
| Hello Kitty | 20831 |
| Hitachi | 20573, 20664 |
| Hiteker | 20672 |
| Humax | 21500, 21588 |
| iLo | 21348, 21472 |
| Initial | 20717, 21472 |
| Insignia | 20675, 21013, 22095, 22255, 22428, 22596, 22620 |
| Integra | 20571, 20627, 2 |